EPSON PRODUCT SUPPORT BULLETIN

Date:	08/04/2011	**Originator:**	TC
PSB #:	PSB.2012.01.001	**Authorization:**	
Reference:	TE11-0128 Rev. A	**Total Pages:**	6
Product(s):	Epson P-6000 and P-7000 Multimedia Photo Viewers		
Subject:	Firmware Update 2.60		

This bulletin was created to inform you of a firmware update to version 2.60 for the P-6000/P-7000 multimedia viewers. The updated firmware adds a feature and corrects the following issues as outlined below.

Description of Change:
The firmware has been updated to 02.60. This firmware update adds new DSLR camera support for the tethering feature and RAW processing---see complete list of compatible cameras in the following sections. This firmware release includes all modifications incorporated into previous versions up to and including v.2.51.

Important Notes:
If your viewer has firmware 1.57 to 2.51 you can update directly to 2.60--see list below.

01.57.7431-0110-0200-0112
01.71.7506-0110-0200-0112
02.05.0111-0110-0200-**0112**
02.05.0111-0110-0200-**0121**
02.40.0179-0110-0200-0121
02.51.0325-0110-0200-0123

The following older firmware versions must first be updated to version 1.57 before updating to firmware 2.60:

01.29.6838-0108-0107-0112
01.30.7099-0108-0107-0112
01.31.7104-0108-0107-0112

Note: Once the firmware has been updated to version 1.57, you cannot install an earlier version of firmware – see list below.

01.29.6838-0108-0107-0112
01.30.7099-0108-0107-0112
01.31.7104-0108-0107-0112

NOTE: The **[Delete all cache files]** function should be performed after the update or else RAW files that were cached before the update may not display correctly. The steps to perform this function are discussed later in this bulletin.

P-6000 / P-7000 Improvements:
This firmware version adds tethering support for the following DSLR camera models:

- **Nikon: D7000**
- **Canon: EOS 60D / 1D Mark IV**

Note: Other Nikon and Canon DSLR cameras may work, but Epson has not evaluated or confirmed them. Some features may not work.

The pictures will be stored onto the memory card and on the Epson viewer. The viewer can send a command to the camera to take a picture.

For more information on tethering functions and features refer to the Tethering manual pdf document included with this bulletin.

The new firmware also provides the following improvements and/or fixes:
The following list of DSLR cameras supports the RAW processing feature. This is not a list for RAW full screen view support. For a complete list of cameras that support RAW file format refer to the P-6000/P-7000 Frequently Asked Questions (FAQ's) posted on the product's support page at www.epson.com.

The RAW processing feature is now supported on the following DSLR cameras:

- **Nikon: D7000**
- **Canon: EOS 60D**

1. Corrects an issue where the viewer may freeze and become unresponsive under certain conditions when inputting characters.
2. Corrects an issue where the use of the "Enhance Photo Display" feature on some images may cause the viewer to freeze and become unresponsive.
3. The shutter speed value display in the EXIF information display has been improved.

The following is a list of limitations for RAW processing feature. This also applies to older firmware.

1. RAW processing is not supported on Nikon D3X, D3, D700, D7000 and other models that use "Hi-2" and "Compressed RAW" formats.
2. RAW processing is not supported on the Nikon D2Hs, D2H, D100, and D3100.
3. On the Canon EOS 20D, RAW files from cameras with older firmware may not support RAW processing.
4. On the Canon EOS 40D, 50D, 60D, 7D RAW processing cannot be used on sRAW / mRAW files.
5. On the Canon EOS 5D Mark II, RAW processing cannot be used on sRAW1 and sRAW2 files.
6. RAW processing is not supported on the Canon EOS 1D / Mark II / Mark III / Mark IV, and the EOS 1Ds / Mark II / Mark III.

7. RAW processing is not supported on the Olympus E-1, E-3, E-300, E-410, E-420, E-510, E-520, E-620, E-P1, E-P2, E-PL1, E-PL1s, E-PL2.
8. RAW processing is not supported on the Sony α550, α700, α900, α33, α55, α850, and NEX Series.
9. RAW processing is not supported on the PENTAX K-r, K-5.
10. The new Firmware can now capture RAW file resolution information. **Note:** If the viewer does not display this information, clear the cache file. Follow these steps to delete the cache files from the viewer: On the Home screen, press the Menu key. Select **[Settings],** then **[Delete all cache files]**. Press OK.
11. On rare occasions the viewer screen may go blank or black out when connecting or disconnecting a camera. If this happens the viewer is still working. Reseating the USB cable/AV jack may fix this issue. You can also turn off the viewer if needed.

P-6000/P-7000 Firmware Update Instructions:

Note: Before starting the firmware update process, confirm that there are no files or folders on the memory card, even if the folders are empty. The card should be formatted on a computer with a Memory Card reader and not in the camera. Most cameras will create empty folders on the memory card when formatting them in the camera and this can interfere with the update.

To download and install the new firmware file, you will need the following:

- Windows-based PC or Macintosh computer with Internet access and either a built-in memory card reader; or an available USB port to connect a memory card reader.
- Operating Systems: Windows 2000/XP Home/Pro/XP/XP Pro x64 Edition/Vista/ Windows 7; Macintosh OS X ver. 10.2.8 to 10.7.x
- A USB Memory card reader/writer that will support your memory card.
- Formatted Compact Flash (16MB to 8GB); or SD memory card (16MB to 2GB); or 2GB to 32GB SDHC card. **Note: there must be no files or folders on the card. Other types of memory card with CF Adapter are not recommended due to possible compatibility issues.**
- P-6000/P-7000 with battery installed.
- AC adapter – must be plugged in to a wall socket and connected to the viewer before the firmware update can be performed.

Firmware Update Procedure:

Download the file **epson14303.exe** for Windows users or **epson14304.dmg** for Mac users from the Epson website (www.epson.com). Follow the on-screen instructions to download and extract the file onto your computer. For PC users all files will be extracted to **C:\EPSON\epson14303_firmware_update_260**. For Mac users all files will be extracted to **epson14304 _firmware_update_260** on the desktop.

To verify the current firmware version on your viewer:

(1) Power on the unit
(2) From the Home screen go to Settings and press OK.
(3) Select Device Information and use the 4 way ring to select the firmware version menu. Press OK.

If you have firmware version **01.57.**7431-0110-0107-0112 or later installed on your viewer then proceed to the next section. **Note:** See bulletin PSB.2009.06.003 / PSB.2009.09.002 or PSB.2009.11.001 for upgrading from firmware versions prior to 1.57.

Steps:

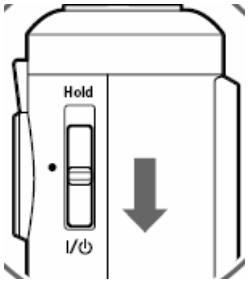
Install a blank memory card into a memory card reader/writer and copy the "PSV5FIRM" folder (including all the files in the folder) to the root directory of the memory card.

Verify that the battery is installed in the P-6000 or P-7000 viewer.

Connect the AC adapter to the viewer, but do not power it on.

After the firmware file has been copied to the memory card, insert the Compact Flash or SD memory card into the viewer.

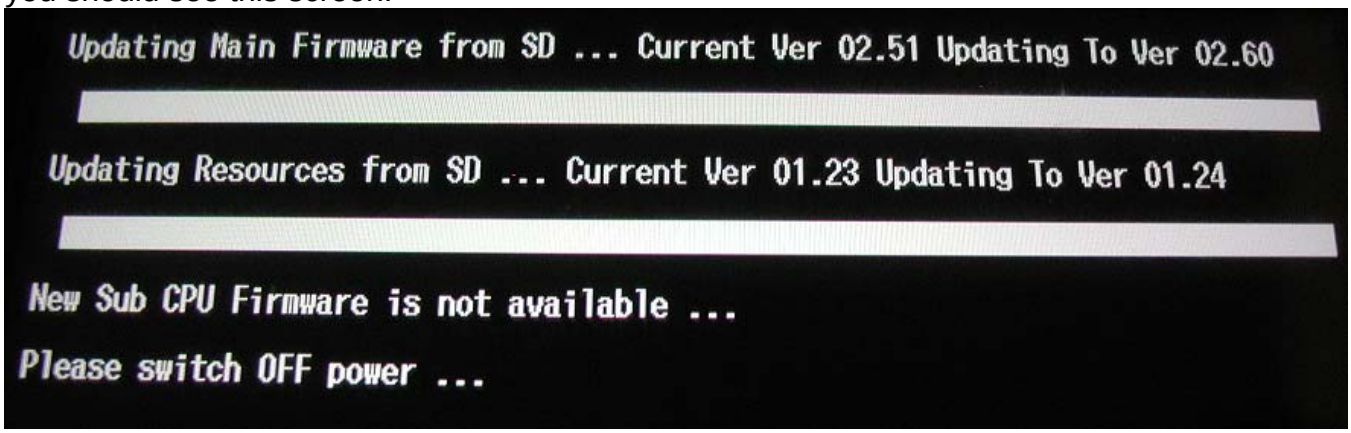
Press and hold down the "OK" and ★ keys while sliding the "POWER" switch as shown below.



Warning: Do not turn off the viewer or attempt to remove the battery or disconnect the AC adapter at any time during the firmware update.

When you see the EPSON logo name, release the OK and ★ keys; the main firmware update will begin and take approximately 4 minutes to complete.

NOTE: The Sub CPU firmware update is not installed in this version. Do not be alarmed if the Sub CPU firmware update says "is not available…." Once the firmware update is completed you should see this screen.



Power off the viewer and remove the Compact Flash or SD memory card. Then turn the viewer back on. Note: Do not press any keys when turning on the unit.
Set the Date and Time if prompted.

On the Home screen, press the Menu key. Select **[Settings],** then **[Delete all cache files]**. Press OK. If you see a dialog box prompting you to connect the AC adapter, click OK. You will then see a progress bar until the process is completed.

Open Settings from the Home screen and select Device Information. In Device Information select Firmware Version. The new firmware version "**02.60.0355-0110-0200-0124**" will be displayed under [Copyright(C) 2008 SEIKO EPSON CORP.] This means that the firmware update has completed correctly.

NOTES:

IMPORTANT: If you update to firmware Ver 1.57 temporarily before updating to 2.51, PLEASE DO NOT TURN OFF THE UNIT DURING THE IPL UPDATE. If it is interrupted, DAMAGE to the Viewer's MAIN BOARD may occur and the unit will need to be repaired.

If the firmware 2.60 update failed, or if the viewer was inadvertently turned off during firmware update (except IPL update on Ver1.57 as mentioned above), please perform following steps:

1. Remove the "PSV50260.FNC" file from the PSV5FIRM folder on the memory card that is used in this update.

2. Insert memory card into viewer.
3. Turn on viewer with RATE (★) + DISPLAY pressed.
4. “Main F/W Update” message is displayed, and release key when you see the memory card access LED blink.
5. It takes about 4 minutes, then “Please turn off” message is displayed. The viewer will be turned off automatically.
6. Turn it on again, and if you see the HOME screen, recover has completed. There is no need for any further updates.

If the update does not start, please check following and do the update again:

1. Check to see if the SD / CF memory card is defective or not.
2. Check whether the CF card capacity is 16GB or larger.
3. Check “PSV5FIRM” folder existence in memory card root folder.

Please check the following if you see a different message:

1. Check whether the AC adapter is connected, and AC power is correctly supplied.
2. Check battery insertion.
3. Check whether the SD card is formatted by the SD supporting device.
4. Check whether the folder “PSV5FIRM” folder has “PSV50260.FNC” file.
5. Check whether the “PSV50260.FNC” has 8,000 KB in size.

Check the following if the updated version is different:

1. If the version is displayed as “02.60.0325-**0108-0107**-0124”, then the 2.60 update was executed on a viewer that had a firmware prior to the Ver 1.57 firmware update.
2. Please perform the firmware update Ver 1.57, and re-perform Ver 2.60 firmware update again.
3. If the version is displayed as “02.60.0325-**0108**-0200-0124 or 02.60.0325-0110-**0107**-0124”, please update the Ver 1.57 firmware again, then perform Ver 2.60 again.

EPSON PRODUCT SUPPORT BULLETIN

Date:	06/04/2010	**Originator:**	TC
PSB #:	PSB.2010.06.001	**Authorization:**	
Reference:	TE10- 0056. Rev. A	**Total Pages:**	5
Product(s):	Epson P-6000 and P-7000 Multimedia Photo Viewers		
Subject:	Firmware Update 2.51		

This bulletin was created to inform you of a firmware update to version 2.51 for the P-6000/P-7000 multimedia viewers. The updated firmware adds a feature and corrects the following issues as outlined below.

Description of Change:
The firmware has been updated to 02.51. This firmware updates DSLR camera support for RAW processing---see complete list of compatible cameras in the following sections. This firmware release includes all modifications incorporated into previous versions up to and including v.2.40.

Important Notes:
If your viewer has firmware 1.57 to 2.40 you can update directly to 2.51--see list below.

01.57.7431-0110-0200-0112
01.71.7506-0110-0200-0112
02.05.0111-0110-0200-**0112**
02.05.0111-0110-0200-**0121**
02.40.0179-0110-0200-0121

The following older firmware versions must first be updated to version 1.57 before updating to firmware 2.51:

01.29.6838-0108-0107-0112
01.30.7099-0108-0107-0112
01.31.7104-0108-0107-0112

P-6000 / P-7000 Improvements:
This firmware version adds tethering support for the following DSLR models:

- **Nikon: D3S**
- **Canon: EOS 7D / 500D**

Note: Other Nikon and Canon DSLR cameras may work, but Epson has not evaluated or confirmed them. Some features may not work.

The Pictures will be stored into the memory card and on the Epson viewer.
The viewer can send a command to the camera to take a picture.

For more information on tethering functions and features refer to the Tethering manual pdf document included with this bulletin.

The new firmware also provides the following improvements and/or fixes:

The following list of DSLR cameras supports the RAW processing feature. This is not a list for RAW full screen view support. For a complete list of cameras that support RAW file format refer to the P-6000/P-7000 Frequently Asked Questions (FAQ's) posted on this product's support page at www.epson.com.

The RAW processing feature is now supported on the following DSLR cameras:

- **Nikon: D3S / D300S / D3000**
- **Canon: EOS 7D**
- **PENTAX: *K-x***
- **SONY: A-230 / A-330 / A-380**

1. Tether feature can be started directly by pressing DISPLAY button on HOME screen.
2. "Select data to transfer" in tethering mode now displays when the camera is set to shoot in both RAW+JPEG mode.
3. The data transfer progress bar display position has been modified.
4. Corrects Pentax K20D RAW file processing errors under high ISO conditions.
5. Corrects color processing on Canon 5D Mk II and Nikon D3X RAW files.

The following is a list of limitations for RAW processing feature. This also applies to older firmware.

(1) RAW processing is not supported on Nikon D3X, D3, D700 and other models that use "Hi-2" and "Compressed RAW" formats.
(2) RAW processing is not supported on the Nikon D2Hs, D2H, and D100.
(3) On the Canon EOS 20D, RAW files from cameras with older firmware may not support RAW processing.
(4) On the Canon EOS 40D, 50D, RAW processing cannot be used on sRAW / mRAW.
(5) On the Canon EOS 5D Mark II, RAW processing cannot be used on sRAW1 and sRAW2.
(6) RAW processing is not supported on the Canon EOS 1Ds Mark II, EOS 1Ds, EOS 1D Mark III, EOS 1D Mark II, EOS 1D.
(7) RAW processing is not supported on the Olympus E-1, E-3, E-300, E-410, E-420, E-510, E-520, and E-P1.
(8) RAW processing is not supported on the Sony α550, α700, α900.
(9) Firmware 2.51 can now capture RAW file resolution information. **Note:** if the viewer does not display this information, clear the cache file. Follow these steps to delete the cache files from the viewer: On the Home screen, press the Menu key. Select **[Settings],** then **[Delete all cache files]**. Press OK.
(10) Small bright spots may sometimes appear when using RAW processing on a SONY Alpha series RAW file.

(11) On rare occasions the viewer screen may go blank when connecting or disconnecting the camera. If this happens the viewer is still working. Repluging the USB cable/AV jack may fix this. You can also turn off the viewer if needed.

P-6000/P-7000 Firmware Update Instructions:

Note: Before starting the firmware update process, confirm that there are no files on the memory card. The card should be formatted on a computer with a Memory Card reader and not in the camera.

To download and install the new firmware file, you will need the following:

- Windows-based PC or Macintosh computer with Internet access
- Operating Systems: Windows 2000/XP Home/Pro/XP/XP Pro x64 Edition/Vista/ Windows 7; Macintosh OS 10.2.8 to 10.6.x
- Memory card reader/writer
- Formatted Compact Flash (16MB to 8GB), SD memory card (16MB to 2GB); or 2GB to 32GB SDHC card. **Note: there must be no data on the card**
- P-6000/P-7000 battery installed (fully-charged battery recommended)
- AC adapter – must be plugged in to a wall socket and connected to the viewer before the firmware update can be performed.

Firmware Update Procedure:

Download the file **epson13865.exe** for Windows users or **epson13866.dmg** for Mac users from the Epson website (www.epson.com). Follow the on-screen instructions to download and extract the file onto your computer. For PC users all files will be extracted to **C:\EPSON\epson13865_firmware_update_251**. For Mac users all files will be extracted to **epson13866_firmware_update_251** on the desktop.

To verify the current firmware version on your viewer:

(1) Power on the unit
(2) From the Home screen go to Settings and press OK.
(3) Select Device Information and use the 4 way ring to select the firmware version menu. Press OK.

If you have firmware version **01.57.7431-0110-0107-0112** or later installed on your viewer then proceed to the next section. **Note:** See bulletin PSB.2009.06.003 / PSB.2009.09.002 or PSB.2009.11.001 for upgrading from firmware versions prior to 1.57.

Steps:

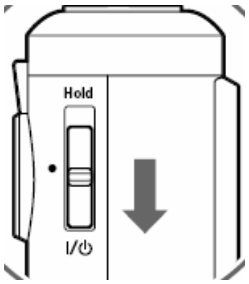
Install a blank memory card into a memory card reader/writer and copy the “PSV5FIRM” folder (including all the files in the folder) to the root directory of the memory card.

Verify that the battery is installed in the P-6000 or P-7000 viewer.

Connect the AC adapter to the viewer, but do not power it on.

After the firmware file has been copied to the memory card, insert the Compact Flash or SD memory card into the viewer.

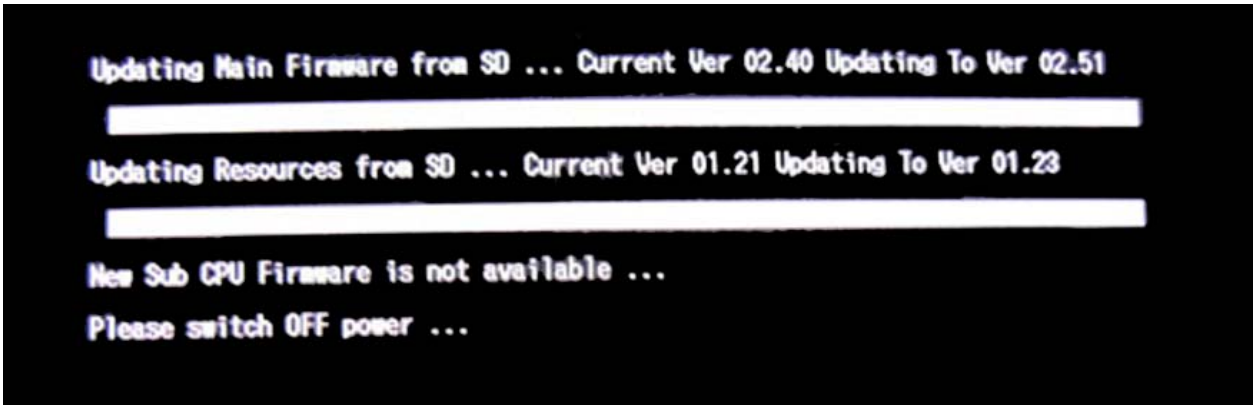
Press and hold down the “OK” and ★ keys while sliding the “POWER” switch as shown below.



Warning: Do not turn off the viewer or attempt to remove the battery or disconnect the AC adapter at any time during the firmware update.

When you see the EPSON logo name, release the OK and ★ keys; the main firmware update will begin and take approximately 3.5 minutes to complete.

NOTE: The Sub CPU firmware update is not installed in this version. Do not be alarmed if the Sub CPU firmware update says “not available….” Once the firmware update is completed you should see this screen.



Power off the viewer and remove the Compact Flash or SD memory card. Then turn the viewer back on. Note: Do not press any keys when turning on the unit.

Set the Date and Time if prompted.

On the Home screen, press the Menu key. Select **[Settings],** then **[Delete all cache files]**. Press OK. If you see a dialog box prompting you to connect the AC adapter, click OK. You will then see a progress bar until the process is completed.

Open Settings from the Home screen and select Device Information. In Device Information select Firmware Version. The new firmware version “**02.51.0325-0110-0200-0123**” will be

displayed under [Copyright(C) 2008 SEIKO Epson CORP.] This means that the firmware update has completed correctly.

NOTES:

IMPORTANT: If you update to firmware Ver 1.57 temporarily before updating to 2.51, PLEASE DO NOT TURN OFF THE UNIT DURING THE IPL UPDATE. If it is interrupted, DAMAGE to the Viewer's MAIN BOARD may occur and the unit will need to be repaired.

If the firmware 2.51 update failed, or if the viewer was inadvertently turned off during firmware update (except IPL update on Ver1.57 as mentioned above), please perform following steps:

1. Remove the "PSV50251.FNC" file from the PSV5FIRM folder on the memory card that is used in this update.
2. Insert memory card into viewer.
3. Turn on viewer with RATE (★) + DISPLAY pressed.
4. "Main F/W Update" message is displayed, and release key when you see the memory card access LED blink.
5. It takes about 4 minutes, then "Please turn off" message is displayed. The viewer will be turned off automatically.
6. Turn it on again, and if you see the HOME screen, recover has completed. There is no need for any further updates.

If the update does not start, please check following and do the update again:

1. Check to see if the SD / CF memory card is defective or not.
2. Check whether the CF card capacity is 16GB or larger.
3. Check "PSV5FIRM" folder existence in memory card root folder.

Please check the following if you see a different message:

1. Check whether the AC adapter is connected, and AC power is correctly supplied.
2. Check battery insertion.
3. Check whether the SD card is formatted by the SD supporting device.
4. Check whether the folder "PSV5FIRM" folder has "PSV50251.FNC" file.
5. Check whether the "PSV50251.FNC" has 8,191 KB in size.

Check the following if the updated version is different:

1. If the version is displayed as "02.51.0325-0108-0107-0123", then the 2.51 update was executed on a viewer that had a firmware prior to the Ver 1.57 firmware update.
2. Please perform the firmware update Ver 1.57, and re-perform Ver 2.51 firmware update again.
3. If the version is displayed as "02.51.0325-0108-0200-0123 or 02.51.0325-0110-0107-0123", please update the Ver 1.57 firmware again, then perform Ver 2.51 again.

EPSON PRODUCT SUPPORT BULLETIN

Date:	10/29/2009	**Originator:**	TC
PSB #:	PSB.2009.11.001	**Authorization:**	
Reference:	TE09-0159 Rev. A, TE09-0590. Rev A	**Total Pages:**	6
Product(s):	Epson P-6000 and P-7000 Multimedia Photo Viewers		
Subject:	Firmware Release version 02.40 with Tether feature		

This bulletin was created to inform you of a firmware update for the P-6000/P-7000 multimedia photo viewers. The updated firmware adds a feature and corrects the following issues as outlined below.

Description of Change:

The firmware has been updated to 02.40. A new Tethering feature is supported in this firmware version, it allows photographers to instantly view and save images to the viewer as they are shot, streamlining the process of creating backup files and evaluating images in studio or on location. This feature is compatible with select Nikon and Canon DSLR cameras. A full list of compatible cameras for tethering is listed below.
This firmware also has an update to support new DSLR cameras for the viewer's RAW processing feature. This firmware release includes all modifications up to Ver.2.05.

Important Notes

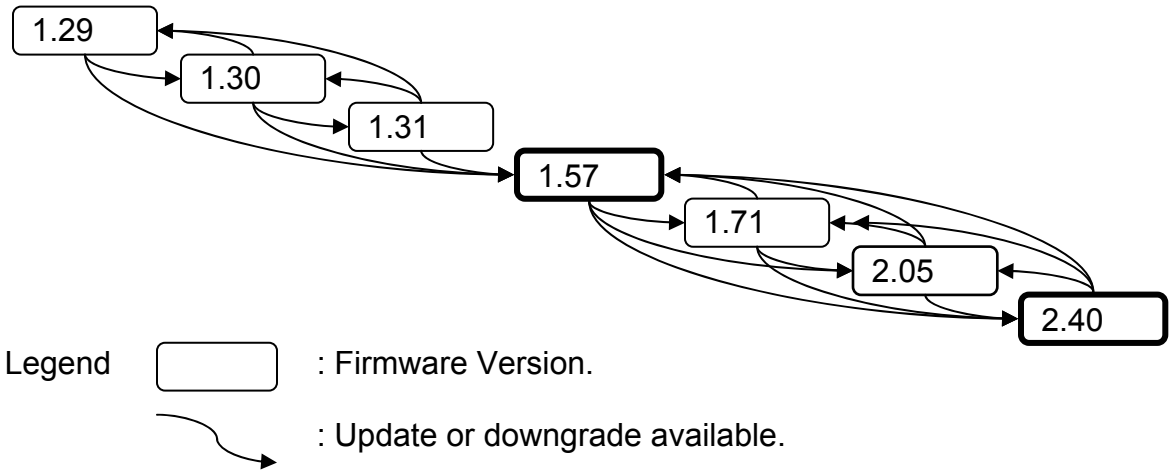
This update can be applied to P-6000/P-7000 units with Firmware Ver 1.57 or later as shown below:

01.57.7431-0110-0200-0112
01.71.7506-0110-0200-0112
02.05.0111-0110-0200-0121

The following older firmware versions must first be updated to version 1.57 before updating to firmware 2.40:

01.29.6838-0108-0107-0112
01.30.7099-0108-0107-0112
01.31.7104-0108-0107-0112

See the Graphic below for the proper upgrade path:



P-6000 / P-7000 Improvements:

A new function "Tethering" feature is supported in this firmware version.

The following DSLR cameras are confirmed to be available for Tethering. Only Nikon and Canon cameras are supported.

- **Nikon D3X, D3, D700, D300S , D300, D90, D5000, D200, D80**
- **Canon EOS 1Ds Mark III, 1D Mark III, 5D Mark II, 50D, 40D, Digital Rebel T1i**

Note: Other Nikon and Canon DSLR cameras may work, but Epson has not evaluated or confirmed them. Some features may not work.

The Pictures will be stored into the memory card and PhotoViewer.
The PhotoViewer can send an order to the camera to take a picture.

For more detailed information on Tethering functions and features refer to the included "Tethering_Manual.pdf" file.

The new firmware also provides the following improvements and/or fixes:

Please note that the following list of DSLR cameras is for support of the PhotoViewer's RAW processing feature, this is not a list of RAW Full Screen viewing support, for a complete list of supported cameras and RAW file viewing support refer to the Epson.com P-6000 or P-7000 support page under Frequently Asked Questions (FAQ's)

1. Added RAW processing feature for:
   Nikon: D3x / D5000
   Canon: EOS 5D Mark II
   Pentax: K-7

2. HDD Free Space information is now shown on the Viewer's HOME screen.
3. New Power Saving setting feature is added to the Tethering feature.

4. Following DSLR are now supported or confirmed to work with the Tethering feature:
   Nikon: D300s/D5000/D200/D80
5. Bug Fix: Images were not processed correctly when the image is 5:4 aspect ratio and in portrait orientation.
6. Bug Fix: An error occurred on Print Wizard when [Reset Cropping] is selected multiple times.
7. Bug Fix: Sometimes the string scroll is stopped on long key press.
8. Bug Fix: EPSON Link2 does not recognize a date folder as new folder which is once copied to PC, and new files are added with Tethering feature after that.
9. Bug Fix: Lexar™ JumpDrive® 32GB was not recognized as a USB device.
10. Bug Fix: Sort order was not correct on Rating Filter.

The following is a list of limitations for RAW processing feature. This also applies to older firmware.
Again this information refers to the Viewer's RAW processing feature, this is not a list of RAW Full Screen viewing support, for a complete list of supported cameras and RAW file viewing support refer to the Epson.com P-6000 or P-7000 support page under Frequently Asked Questions (FAQ's)

(1) Nikon D3x, D3, D700, D70, D300, D300s, any other models that support "Hi-2" and "Compressed RAW" formats, these files do not support RAW processing.
(2) Nikon D2Hs, D2H, and D100: do not support RAW processing.
(3) Canon EOS 20D: RAW files from cameras with an older firmware may not support RAW processing.
(4) Canon EOS 40D, 50D: sRAW is not available for RAW processing feature.
(5) Canon EOS 5D Mark II: sRAW1 and sRAW2 are not available for RAW processing.
(6) Canon EOS 1Ds Mark II, EOS 1Ds, EOS 1D Mark III, EOS 1D Mark II, EOS 1D are Not supported for RAW processing.
(7) Olympus E-1, E-3, E-300, E-410, E-420, E-510, E-520, E-P1: are not supported for RAW processing.
(8) Sony α230, α330, α380, α550, α700, α900: are not supported for RAW processing.
(9) The new 2.40 viewer firmware can now get RAW file resolution information; however, the older firmware could not get the resolution information. The older firmware does not show RAW file resolution but the information is cached on the viewer. The new firmware can get the resolution but use the cached information. As a result, some newly supported RAW file may have no RAW image resolution. To avoid this issue, the cache files must be deleted. Follow this process to delete the cache files: On the Home screen, press the Menu key. Select **[Settings],** then **[Delete all cache files]**. Press OK.

P-6000/P-7000 Firmware Update Instructions:
Note: Before starting the firmware update process, confirm that there are no files on the memory card. The card should be formatted on a computer with a Memory Card reader and not in the camera.

To download and install the new firmware file, you will need the following:

- Windows-based PC or Macintosh computer with Internet access
- Operating Systems: Windows 2000/XP Home/Pro/XP/XP Pro x64 Edition/Vista/ Windows 7; Macintosh OS 10.2.8 to 10.6.x
- Memory card reader/writer
- Formatted Compact Flash (16MB to 8GB), SD memory card (16MB to 2GB); or 2GB to 32GB SDHC card. **Note: there must be no data on the card**
- P-6000/P-7000 battery installed (fully-charged battery recommended)
- AC adapter – must be plugged in to a wall socket and connected to the viewer before the firmware update can be performed.

Firmware Update Procedure:

Download the file **epson13553.exe** for Windows users or **epson13554.dmg** for Mac users from the Epson website (www.epson.com). Follow the on-screen instructions to download and extract the file onto your computer.

To verify the current firmware version on your viewer:

(1) Power on the unit
(2) From the Home screen go to Settings and press OK.
(3) Select Device Information and use the 4 way ring to select the firmware version menu. Press OK.

If you have firmware version **01.57.7431-0110-0107-0112** or later installed on your viewer then proceed to the next section. If you have any of the versions listed below, you must first update to version 01.57.7431-0110-0107-0112 or higher before updating to version 2.40.
See bulletin PSB.2009.06.003 or PSB.2009.09.002 for more information on upgrading.

01.29.6838-0108-0200-0112
01.30.7099.0108-0200-0112
01.31.7104-0108-0200-0112

Steps:

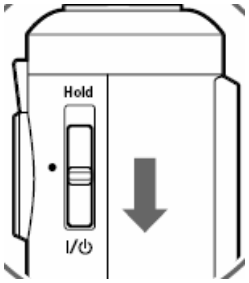
Install a blank memory card into a memory card reader/writer and copy the “PSV5FIRM” folder (including all the files in the folder) to the root directory of the memory card.

Verify that the battery is installed in the P-6000 or P-7000 viewer.

Connect the AC adapter to the viewer, but do not power it on.

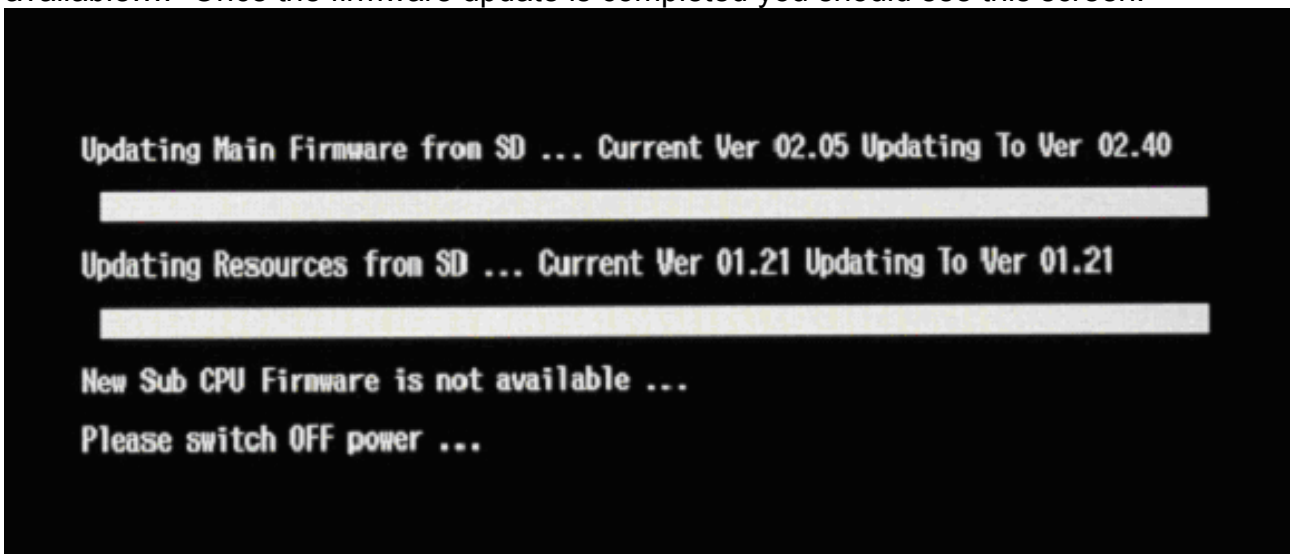
After the firmware file has been copied to the memory card, insert the Compact Flash or SD memory card into the viewer.

Press and hold down the “OK” and ★ keys while sliding the “POWER” switch as shown below.



Warning: Do not turn off the viewer or attempt to remove the battery or disconnect the AC adapter at any time during the firmware update.

When you see the EPSON logo name, release the OK and ★ keys; the main firmware update will begin and take approximately 3.5 minutes to complete. The Sub CPU firmware update is not installed in this version. Do not be alarmed if the Sub CPU firmware update says “not available….” Once the firmware update is completed you should see this screen.



Power off the viewer and remove the Compact Flash or SD memory card. Then turn the viewer back on. Note: Do not press any keys when turning on the unit.

Set the Date and Time if prompted.

On the Home screen, press the Menu key. Select **[Settings],** then **[Delete all cache files]**. Press OK. If you see a dialog box prompting you to connect the AC adapter, click OK. You will then see a progress bar until the process is completed.

Open Settings from the Home screen and select Device Information. In Device Information select Firmware Version. The new firmware version **“02.40.0179-0110-0200-0121”** will be displayed under [Copyright(C) 2008 SEIKO Epson CORP.] This means that the firmware update has completed correctly.

NOTES:

IMPORTANT: If you update to firmware Ver 1.57 temporarily before updating to 2.40, PLEASE DO NOT TURN OFF THE UNIT DURING THE IPL UPDATE. If it is interrupted, DAMAGE to the Viewer's MAIN BOARD may occur and the unit will need to be repaired.

If the firmware 2.40 update failed, or if the viewer was inadvertently turned off during firmware update (except IPL update on Ver1.57 as mentioned above), please perform following steps:

1. Remove the "PSV50240.FNC" file from the PSV5FIRM folder on the memory card that is used in this update.
2. Insert memory card into viewer.
3. Turn on viewer with RATE (★) + DISPLAY pressed.
4. "Main F/W Update" message is displayed, and release key when you see the memory card access LED blink.
5. It takes about 4 minutes, then "Please turn off" message is displayed. The viewer will be turned off automatically.
6. Turn it on again, and if you see the HOME screen, recover has completed. There is no need for any further updates.

If the update does not start, please check following and do the update again:

1. Check to see if the SD / CF memory card is defective or not.
2. Check whether the CF card capacity is 16GB or larger.
3. Check "PSV5FIRM" folder existence in memory card root folder.

Please check following if you see the different message:

1. Check whether the AC adapter is connected, and AC power is correctly supplied.
2. Check battery insertion.
3. Check whether the SD card is formatted by the SD supporting device.
4. Check whether the folder "PSV5FIRM" folder has "PSV50240.FNC" file.
5. Check whether the "PSV50240.FNC" has 8,000 KB in size.

Check following if the updated version is different:

1. If the version is displayed as "02.40.0179-0108-0107-0121", then the 2.40 update was executed on a viewer that had a firmware prior to the Ver 1.57 firmware update.
2. Please perform to firmware update on Ver 1.57, and re-perform to Ver2.40 firmware update again.
3. If the version is displayed "02.40.0179-0108-0200-0121", or 02.40.0179-0110-0107-0121", please update the Ver 1.57 firmware again, then perform Ver 2.40 again.

EPSON PRODUCT SUPPORT BULLETIN

Date:	7/29/2009	**Originator**:	JD
PSB #:	PSB.2009.09.002	**Authorization**:	Kps
Reference:	TE09-0076 Rev. A	**Total Pages**:	4
Product(s):	Epson P-6000 and P-7000 Multimedia Photo Viewers		
Subject:	Firmware Release version **01.71.7506**		

This bulletin was created to inform you of a firmware update for the P-6000/P-7000 multimedia photo viewers. The updated firmware corrected the following issues as outlined below.

Description of Change:
The firmware has been updated to 01.71.7506.

P-6000 / P-7000 Improvements:
The firmware provides the following improvements and/or fixes:

1) Fixes a white balance problem on RAW image pictures taken on a Canon EOS Kiss F digital SLR camera.

2) Fixes [Edit]—Lock/Unlock function so that it works properly on images where a Rating key and the [Deselect All] settings are used at the same time.

3) Fixes problem with reading files that come on a CD or DVD.

4) **Additional RAW file support**. The P-6000 / P-7000 support images in RAW format with the following digital SLR cameras. The additional supported cameras and extensions are listed in blue below:

Additional RAW file support for highlighted models:

Manufacturer	Models
Canon	EOS 5D, 10D, Digital Rebel, Digital Rebel XT, Digital Rebel XTi, 20D, Digital Rebel Xsi, Digital Rebel XS, 30D, 40D, **EOS 50D**
Epson	R-D1, R-D1s
Nikon	D2X, D2Xs, D3, D60, D70, D70s, D80, D50, D40, D40X, D200, D300, D700, **D90**
Olympus	E-330, E-500
Pentax	*istD, *istDs, *istDL, *istDs2, *istDL2, K100D, K10D, K20D, K100D Super, K200D, **K-m**
Sony	DSLR-A100, DSLR-A200, DSLR-A300, DSLR-A350

P-6000/P-7000 Firmware Update Instructions:

Note: Before starting the firmware update process, confirm that there are no files on the memory card.

To download and install the new firmware file, you will need the following:

- Windows-based PC or Macintosh computer with Internet access
- Operating Systems: Windows 2000/XP Home/Pro/XP/XP Pro x64 Edition/Vista; Macintosh OS 10.2.8 to 10.5.x
- Memory card reader/writer
- Formatted Compact Flash (16MB to 8GB) or SD memory card (16MB to 2GB); no size limit on an SDHC card---**Note**: there must be no data on the card
- P-6000/P-7000 battery installed (fully-charged battery recommended)
- AC adapter – must be plugged in to a wall socket and connected to the viewer before the firmware update can be performed

Firmware Update Procedure:

Download the file **epson13380.exe** for Windows users or **epson13381.dmg** for Mac users from the Epson website (www.epson.com). Follow the on-screen instructions to download and extract the file onto your computer.

To verify the current firmware version on your viewer:

a) Power on the unit
b) Select Settings from the Home screen and press OK.
c) Select Device Information and use the 4 way ring to select the firmware version menu. Press OK.

   If you have firmware version **01.57.7431-0110-0107-0112** installed on your viewer then proceed to the next section. If you have any of the versions listed below, you must update to version **01.57.7431-0110-0107-0112** first before updating to 1.71. See bulletin PSB.2009.06.003 for more information.

   01.29.6838-0108-0200-0112
   01.30.7099.0108-0200-0112
   01.31.7104-0108-0200-0112

Steps:

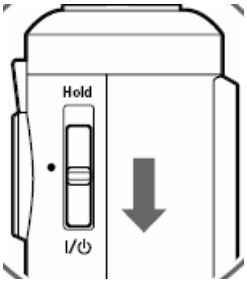
1. Install a **blank** memory card into a memory card reader/writer and copy the "PSV5FIRM" folder (including all the files in the folder) to the root directory of the memory card.

2. Verify that the battery is installed in the P-6000 or P-7000 viewer.

3. Connect the AC adapter to the viewer, **but do not power it on.**

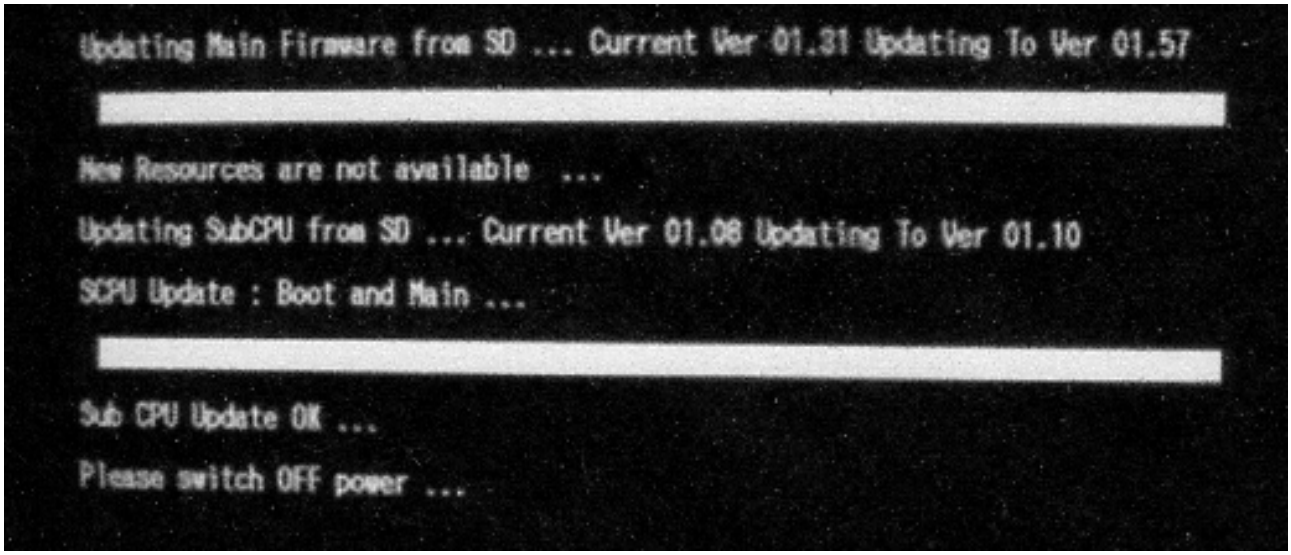
4. After the firmware file has been copied to the memory card, insert the CompactFlash or SD memory card into the viewer.

5. Press and hold down the **"OK"** and ★ keys while sliding the **"POWER"** switch as shown below.



Warning: Do not turn off the viewer or attempt to remove the battery or disconnect the AC adapter at any time during the firmware update.

When you see the **EPSON** logo name, release the **OK** and ★ keys; the main firmware update will begin and take approximately 3.5 minutes to complete. The SubCPU firmware update starts next and takes about 3.5 minutes to complete. During the SubCPU firmware update, the blue activity LED will temporarily stop blinking; this is normal. Once the firmware update is completed you should see this screen.



6. Power off the viewer and remove the CompactFlash or SD memory card. Then turn the viewer back on. **Note:** Do not press any keys when turning on the unit.

7. Set the Date and Time when prompted.

8. On the Home screen, press the Menu key. Select [Settings], then [Delete all cache files]. Press OK. If you see a dialog box prompting you to connect the AC adapter, click OK. You will then see a progress bar until the process is completed.

9. Open Settings from the Home screen and select Device Information. In Device Information select Firmware Version. The new firmware should say **01.71.7506-0110-0200-0112**.

Note: if the version says 01.71.7506-**0108-0107**-0112, then you must update to version 1.57 first, then reinstall firmware 1.71. If the version says 01.71.7506-**0108-**0200-0112 or 01.71.7506-**0107-**0200-0112, you must reinstall 1.57 and then install 1.71 again.

EPSON PRODUCT SUPPORT BULLETIN

Date:	2/23/2009	**Originator**:	esc
PSB #:	PSB.2009.06.003	**Authorization**:	Kps
Reference:	TE08-0647 Rev. A	**Total Pages**:	4
Product(s):	Epson P-6000 and P-7000 Multimedia Photo Viewers		
Subject:	New Firmware Release version **01.57.7431-0110-0200-0112**		

This bulletin was created to inform you of a firmware update for the P-6000/P-7000 multimedia photo viewers. The updated firmware corrected the following issues as outlined below.

Description of Change:

The firmware has been updated to version **01.57.7431-0110-0200-0112.**

P-6000 / P-7000 Improvements:

The firmware provides the following improvements and/or fixes:

1) Fixes the “invalid display” issue that occurs when displaying 6 megapixel RAW images in “Show Processed date first” mode.

2) Fixes the Backup failure issue that may occur when backing up files from a Secure Digital (SD) Memory card.

3) Disables the Key beep setting when the Power switch is set to the “HOLD” position.

4) Improves page switching performance when viewing images in Thumbnail view.

5) Updates Connection/Disconnection status messages when using the AC adapter to connect the P-6000 / P-7000 to a PC system.

6) **Additional RAW file support**. The P-6000 / P-7000 support images in RAW format with the following digital SLR cameras. The additional supported cameras and extensions are listed in blue below:

Additional RAW file support is listed in blue below:

Manufacturer	Models
Canon	EOS 5D, 10D, Digital Rebel, Digital Rebel XT, Digital Rebel XTi, 20D, **Digital Rebel Xsi, Digital Rebel XS**, 30D, 40D,
Epson	R-D1, R-D1s
Nikon	D2X, D2Xs, **D3**, **D60**, D70, D70s, D80, D50, D40, D40X, D200, D300, **D700**
Olympus	E-330, E-500
Pentax	*istD, *istDs, *istDL, *istDs2, *istDL2, K100D, K10D, **K20D**, **K100D Super**, **K200D**
Sony	DSLR-A100, **DSLR-A200**, **DSLR-A300**, **DSLR-A350**

P-6000/P-7000 Firmware Update Instructions:

Note: Before starting the firmware update process, confirm that there are no files on the memory card.

To download and install the new firmware file, you will need the following:

- Windows-based PC or Macintosh computer with Internet access
- Operating Systems: Windows 2000/XP Home/Pro/XP/XP Pro x64 Edition/Vista
- Operating Systems: Macintosh OS 10.2.8 to 10.5
- Memory card reader/writer
- 128MB or higher formatted Compact Flash or SD memory card (there must be no data on the card)
- P-6000/P-7000 battery installed (fully-charged battery recommended)
- AC adapter – must be plugged in to a wall socket and connected to the viewer before the firmware update can be performed

Firmware Update Procedure:

Download the file **epson12939.exe** for Windows users or **epson12940.dmg** for Mac users from the Epson website (www.epson.com). Follow the on-screen instructions to download and extract the file onto your computer.

To verify the current firmware version on your viewer:

a) Power on the unit
b) Select Settings from the Home screen and press OK.
c) Select Device Information and use the 4 way ring to select the firmware version menu. Press OK.

If you see earlier versions; such as the following versions:

01.29.6838-0108-0200-0112
01.30.7099.0108-0200-0112
01.31.7104-0108-0200-0112
01.57.7431-0110-0107-0112 then proceed to the next section.

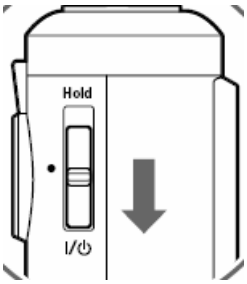
Steps:

1. Install a **blank** memory card into a memory card reader/writer and copy the "PSV5FIRM" folder (including all the files in the folder) to the root directory of the memory card.

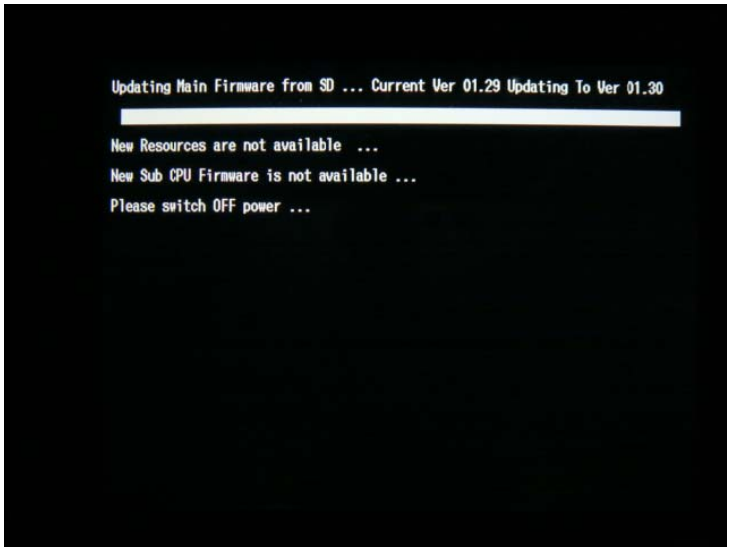
2. Verify that the battery is installed in the P-6000 or P-7000 viewer.

3. Connect the AC adapter to the viewer, **but do not power it on.**

4. After the firmware file has been copied to the memory card, insert the CompactFlash or SD memory card into the viewer.
5. Press and hold down the **"OK"** and ★ keys while sliding the **"POWER"** switch as shown below.



When you see the firmware update screen (see reference image below), release the **OK** and ★ keys. **Note**: If you do not see this screen, power off the unit and start the firmware process again.



During the update process, the message screen will display the current firmware and updated firmware versions. Then the message “Updating Resources” will appear as noted in the above example.

Warning: Do not turn off the viewer or attempt to remove the battery or disconnect the AC adapter at any time during the firmware update process. Doing so may damage the mainboard and render the unit inoperable.

6. The firmware update takes approximately 4 minutes to complete the firmware update.

7. Power off the unit and remove the CompactFlash or SD memory card.

8. Power on the viewer and verify the new firmware version. It should display:

   01.57.7431-0110-0200-0112

EPSON Product Support Bulletin

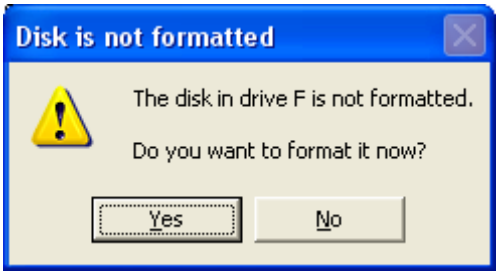
Date:	12/8/2008	Originator:	esc
PSB #:	PSB.2009.01.001	Authorization:	Kpa
Reference:	TE08-0448 Rev. A	Total Pages:	3
Product(s):	Epson P-6000 and P-7000 Multimedia Photo Viewers		
Subject:	New Firmware Release version **01.30.7099-0108-0107-112**		

This bulletin was created to inform you of a firmware update for the P-6000/P-7000 multimedia photo viewers. The updated firmware provides certain improvements as outlined below.

Description of Change:
The firmware has been updated to version **01.30.7099-0108-0107-112.**

Reason:
To provide the following fixes and/or improvements:

- Corrects error message "Cannot use this memory card because it is damaged or not formatted"



P-6000/P-7000 Firmware Update Instructions:
Note: Before starting the firmware update process, confirm that there are no files on the memory card.

To download and install the new firmware file, you will need the following:

- Windows-based PC or Macintosh computer with Internet access
- Operating Systems: Windows 2000/XP Home/Pro/XP/XP Pro x64 Edition/Vista
- Operating Systems: Macintosh OS 10.2.8 to 10.5.x
- Memory card reader/writer
- 128MB or higher formatted Compact Flash or SD memory card (there must be no data on the card)

- P-6000/P-7000 battery installed (fully-charged battery recommended)

- AC adapter – must be plugged in to a wall socket and connected to the viewer before the firmware update can be performed

Firmware Update Procedure:

Download the file **epson12870.exe** for Windows users or **epson12871.dmg** for Mac users from the Epson website (www.epson.com). Follow the on-screen instructions to download and extract the file onto your computer.

To verify the current firmware version on your viewer, power on the unit, select Settings from the Home screen and press OK. Then select Device Information and use the 4 way ring to select the Firmware Version menu. Press OK.

If you see an earlier version such as: **01.29.6838-0108-0107-0112** (P-6000) or **01.29.6838-0108-0107-0112** (P-7000) then proceed to the next section.

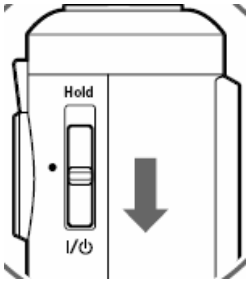
Steps:

1. Install a **blank** memory card into a memory card reader/writer and copy the "PSV5FIRM" folder (including all the files in the folder) to the root directory of the memory card.

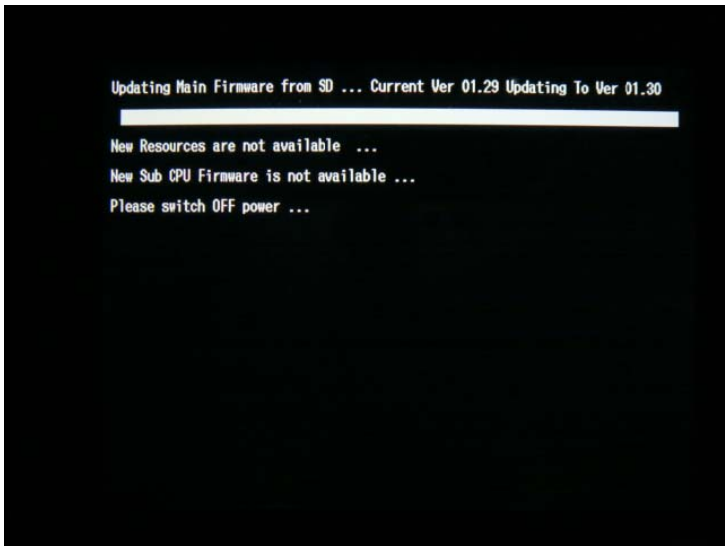
2. Verify that the battery is installed in the P-6000 or P-7000 viewer.

3. Connect the AC adapter to the viewer, **but do not power it on.**

4. After the firmware file has been copied to the memory card, insert the CompactFlash or SD memory card into the viewer.
5. Press and hold down the **"OK"** and ★ keys while sliding the **"POWER"** switch as shown below.



When you see the firmware update screen (see reference image below), release the **OK** and ★ keys. **Note**: If you do not see this screen, power off the unit and start the firmware process again.



During the update process, the message screen will display the current firmware and updated firmware versions. Then the message “Updating Resources” will appear.

Important: Do not remove the battery or disconnect the AC adapter during the firmware update process.

6. The firmware update takes about 4 minutes to complete.

7. Power off the unit and remove the CompactFlash or SD memory card.

8. Power on the viewer and verify the new firmware version. It should say version **01.30.7099-0108-0107-112**.